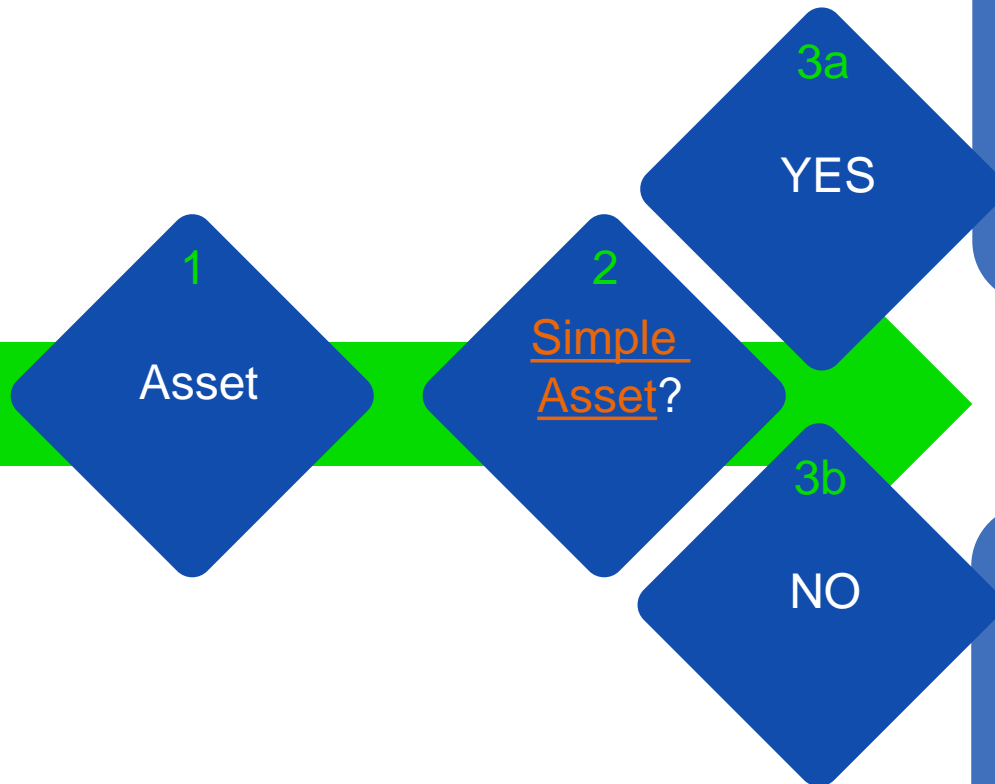




Breaking change in APPS and TMS: Asset Quantity from L120

1. Functional change on Asset quantities: how it worked **before**



Level Assets

- Asset quantity is always 1 and cannot be changed

Asset details – Asset locations

- Asset quantity is always 1 and cannot be changed

Level Assets

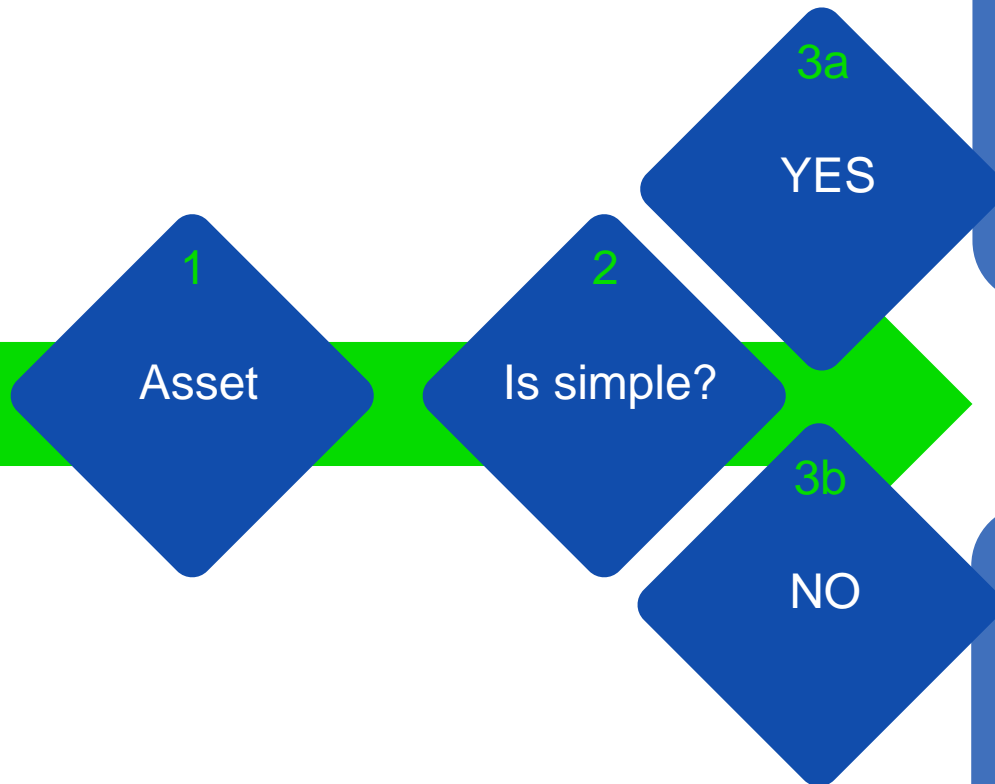
- Asset quantity: field value is calculated, enter quantities via the asset location
- The quantity of the asset is automatically updated

Asset details – Asset locations

- Add 1 or multiple quantities
- Quantity can be greater or equal to 1, **NO** decimal support

Simple Asset Definition: A simple asset is one single asset. Click on 'Simple Asset' to go to the Planon Web Help for an extended definition.

2. Functional change on Asset quantities: how it works **after** (L120)



Level Assets

- Asset quantity: the quantity can be entered with a value greater than 0, including decimal support

Asset details – Asset locations

- The quantity of the asset can be entered or adjusted with a value greater than 0, including decimal support (like 0.5 or 2.5)
- Only 1 asset location with a quantity can be added

Level Assets

- Asset quantity: field value is calculated, enter quantities via the asset location
- The quantity of the asset is automatically updated

Asset details – Asset locations

- Add 1 or multiple quantities
- The quantity must be greater than 0; including decimal support (like 0.5 or 2.5)

3a. Database changes

Business objects

- Locations
 - Asset locations
 - Building element locations

Fields

Field

Field definer

Business objects

Asset locations

Details

Fields

Actions

Links

Statuses

Extended actions

Display types

Extensions

Custom indexes

Filter name

No filter selected

Field

Name

Operator

Contains

Value

quantity

Fields (2)

Previous quantity

PreviousQuantity

VAANTAL

☒

Quantity

Quantity

AANTAL

General

Audit info

System

System name

Quantity

Database field name

AANTAL

In database

☒ Yes

No

System field

☐ Yes

☒ No

Planon Field Type

BigDecimal, Big decimal

Planon input length

16

Number of decimal places

2

Field definer

Business objects

Building element locations

Details

Fields

Actions

Links

Statuses

Extended actions

Display types

Extensions

Custom indexes

Filter name

No filter selected

Field

Name

Operator

Contains

Value

quantity

Fields (1)

Quantity

Quantity

AANTAL

General

Audit info

System

System name

Quantity

Database field name

AANTAL

In database

☒ Yes

No

System field

☐ Yes

☒ No

Planon Field Type

BigDecimal, Big decimal

Planon input length

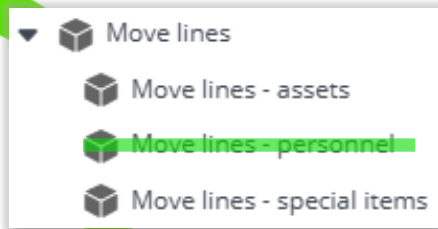
16

Number of decimal places

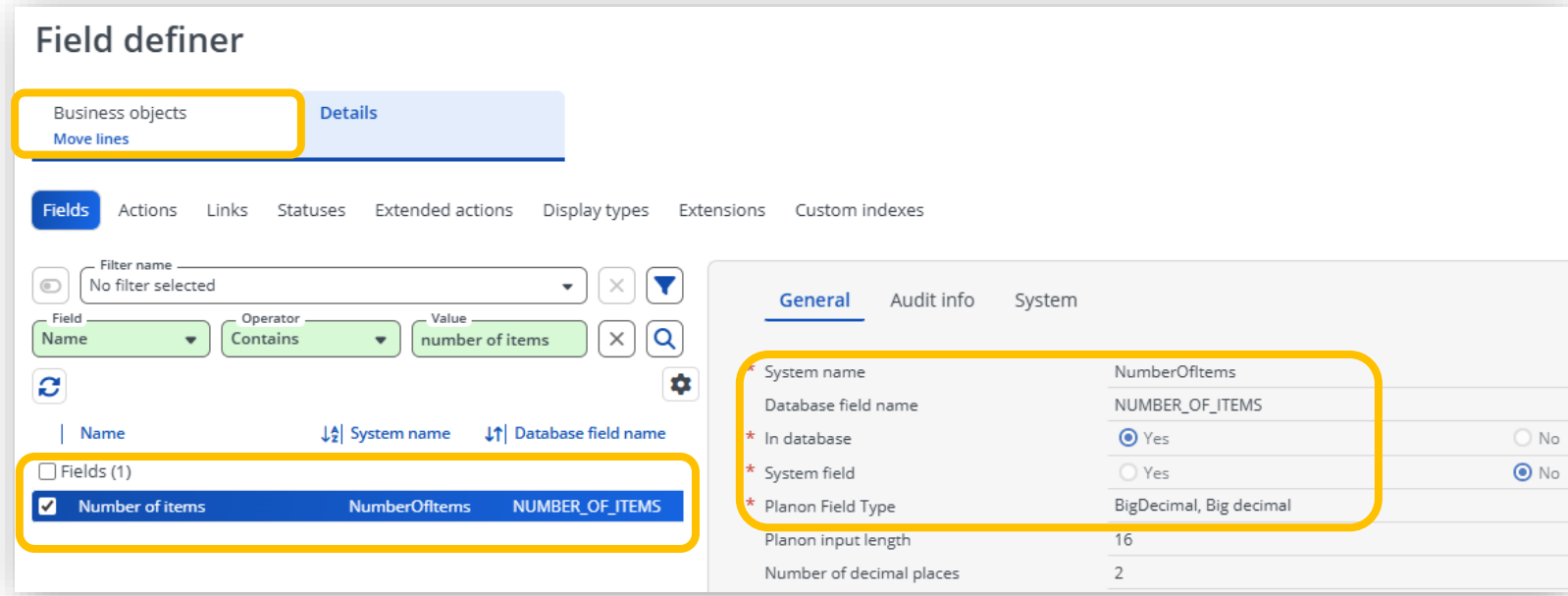
2

3b. Database changes

Business objects



Field



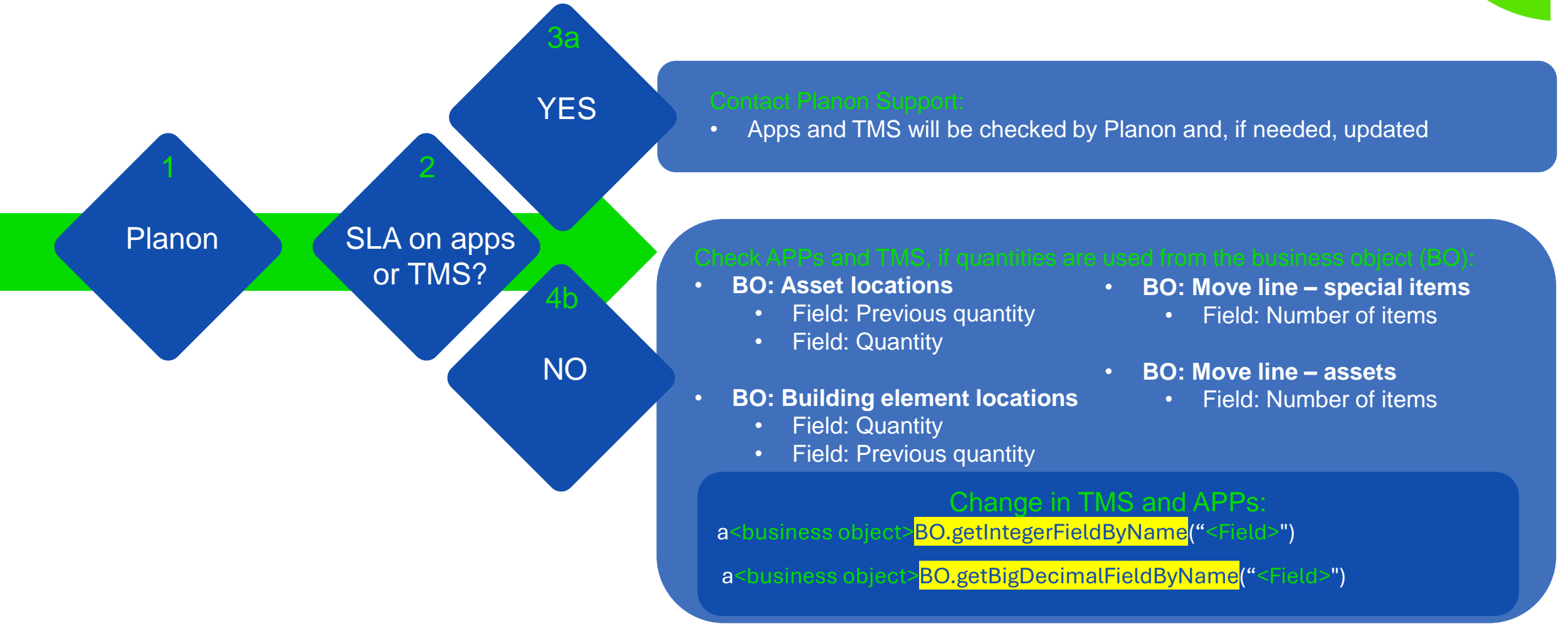
The 'Field definer' interface shows the configuration for a field. The 'Business objects' tab is selected, and the 'Move lines' object is chosen. The 'Fields' tab is active, showing a filter name 'No filter selected' and a field definition: 'Name' contains 'number of items'. The 'Fields (1)' list shows a field named 'Number of items' with system name 'NumberOfItems' and database field name 'NUMBER_OF_ITEMS'. The 'General' tab is selected, showing details for the field: System name 'NumberOfItems', Database field name 'NUMBER_OF_ITEMS', In database 'Yes', System field 'Yes', Planon Field Type 'BigDecimal, Big decimal', Planon input length '16', and Number of decimal places '2'.

NOTE: Business object Move lines – Personnel will be handled as INTEGER; no change needed.

Same for all subtype Business objects:

- Move lines – assets (InventoryItemMoveLine)
- Move lines – special items (SpecialItemMoveLine)
- Statement for change equal to quantity

4. Change on Asset quantities: what to **do** from L120





Planon ProCenter overview

Changes from L120

5. Asset quantity

Planon

Search

Home

Access

Activity planner

Addresses

Agile workplace mana...

Assessments and obs...

Assets Pro

BIM import / export d...

BIM source definitions

Budgets

CAD drawing definitio...

CAD import definitions

Cashflow (no invoices)

Cashflow (with invoic...

Circular property man...

Closure date overview

Compact gauge readi...

Contracts

123 Data aggregation

Documents

Hazard registry

Marketplace

Assets Pro

*Columbus Square

History

Filter name
No filter selected

Field
Code

Operator
Contains

Value
Search...

Base assets

000228, Roof coverage (total)

000229, *Air conditioning (7 kW)

000230, *Air conditioning (8 kW)

000231, *Air conditioning (10 kW)

000232, *Traction lift, 10 persons

000233, Traction lift, 7 people

000234, Electrical passenger lift general

000235, Electrical passenger lift general

000240, AHU supply 2.8 - 5.6 m3/s

000243, Emergency lighting decentrally fed

000244, Airco Unit

000245, VAV box

000246, Main distribution unit 19 - 21 groups

000247, High voltage power distribution board

000248, Fire control panel

000249, Storage boiler electrical < 30 l.

000250, Storage boiler electrical 80 l.

000251, Main distribution unit 13 - 15 groups

000252, Main distribution unit 22 - 24 groups

000253, Splitting system VAV

Count Expand All None

1 2 3

Asset details

Maintenance

Maintenance details

Activity details

General

Maintenance

Specs

Links

Integrations

Remarks

Audit info

General

* Code 000228

Description Roof coverage (total)

Standard asset

Main asset

Replacement for asset

Location

Property 14, *Columbus Square

Space

Details

User-defined status BA20, In use

User-defined type Technical asset

* Simple ☐ Yes ☒ No

* Quantity 256.15

Unit m2, Square meter

Classifications

* Asset group 04, Building & grounds

Asset classification

Technical classification

Alternative classification

Photo

Photo Drop file or Browse

Actions

Create QR code

Go to

Regulations

Permits

Technical asset

Add Asset Asset FM

Add Asset Weather sta...

Add Asset Technical as...

Add Building element

Add subasset Asset FM

Add subasset Weather...

Add subasset Technica...

Add Standard asset

Add Standard building...

Deep copy asset

Delete

Change type

Apply asset scope

Transfer to archive

Retrieve from archive

Attach attribute set

Cancel Save

6A. Simple assets: YES (L120)

Properties
*Columbus Square

Filters

Assets

Asset details

History

Filter name: No filter selected

Field: Code

Operator: Contains

Value: Search...

Base assets

- 000228, Roof coverage (total)
- 000229, *Air conditioning (7 kW)
- 000230, *Air conditioning (8 kW)
- 000231, *Air conditioning (10 kW)
- 000232, *Traction lift, 10 persons
- 000233, Traction lift, 7 people
- 000234, Electrical passenger lift general
- 000235, Electrical passenger lift general
- 000240, AHU supply 2.8 - 5.6 m3/s
- 000243, Emergency lighting decentrally fed

General

* Code: 000228

Description: Roof coverage (total)

Standard asset

Main asset

Replacement for asset

Location

* Property: 14, *Columbus Square

Space

Details

User-defined status: BA20, In use

User-defined type: Technical asset

* Simple: Yes

* Quantity: 256.15

Unit: m2, Square meter

Properties
*Columbus Square

Filters

Assets
000228, Roof coverage (total)

Asset details

History

Asset locations

Parent assets

Dependent assets

Related assets

Components

Purchases

Replacements

Knowledge

Filter name: No filter selected

Field: Asset / building element

Operator: =

Value: Search...

Asset locations (1)

14 *Columbus Square

General

Date: 03/06/2025

* Property: 14, *Columbus Square

Space

Quantity: 256.15

Unit: m2, Square meter

* Asset / building element: 000228, Roof coverage (total)

Asset quantity – Simple Asset: YES

The decimal quantity can be handled at:

- The 'Quantity' fields on the level 'Assets'
- The 'Asset details' level (refer to point 2).
- Fields will be kept in sync

6B. Simple assets: NO (L120)

Properties *Columbus Square Filters Assets 000228, Roof coverage (total) Asset details History

Asset locations Parent assets Dependent assets Related assets Components Purchases Replacements Knowledge base

Filter name No filter selected
Field Asset / building element
Operator =
Value Search...
| Pro...↓↑| Property.Name ↓↑| S... ↓↑|
☐ Asset locations (2)
☒ 14 *Columbus Square
☐ 14 *Columbus Square

General

General

Date 03/06/2025

* Property 14, *Columbus Square

Space

Quantity 125.55

Unit m2, Square meter

* Asset / building element 000228, Roof coverage (total)

Details

User-defined status BA20, In use

User-defined type Technical asset

* Simple ☐ Yes ☒ No

* Quantity 256.15

Unit m2, Square meter

Level 'Assets'

Properties *Columbus Square Filters Assets 000228, Roof coverage (total) Asset details History

Asset locations Parent assets Dependent assets Related assets Components Purchases Replacements Knowledge base

Filter name No filter selected
Field Asset / building element
Operator =
Value Search...
| Pro...↓↑| Property.Name ↓↑| S... ↓↑|
☐ Asset locations (2)
☐ 14 *Columbus Square
☒ 14 *Columbus Square

General

General

Date 03/06/2025

* Property 14, *Columbus Square

Space

Quantity 130.6

Unit m2, Square meter

* Asset / building element 000228, Roof coverage (total)

Asset quantity – Simple Asset: NO

- Decimal quantities can be handled at the 'Asset details' level (refer to points 1 and 2).
- The total quantity (as calculated) is displayed at the 'Assets' level (refer point 3).